

ABSTRACT OF THE DISCLOSURE

A satellite digital audio radio service multipoint distribution system and method. The system comprises a satellite antenna and a satellite receiver for receiving a satellite digital audio radio signal and distributing a converted signal in response thereto. The distributed signal is received by plural receivers each of which provide a respective output signal in response thereto. In the best mode, the satellite receiver is a terrestrial repeater. The repeater decodes a stream of data received from the satellite and recodes the stream using a satellite radio terrestrial broadcast format. In the best mode, the signal is an intermediate frequency signal in the XM radio, multi-carrier modulation format. The recoded signal is rebroadcast by the repeater via a distribution network and received by a plurality of intermediate frequency (IF) receivers. The distribution system may be wireless, cable, or fiber optic. In the illustrative embodiment, the IF receivers are modified conventional satellite digital audio radio service receivers. A user interface is provided for each IF receiver to allow for channel selection and audio processing.